

Fig.2

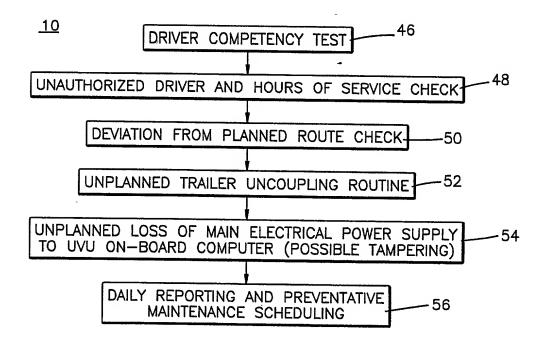
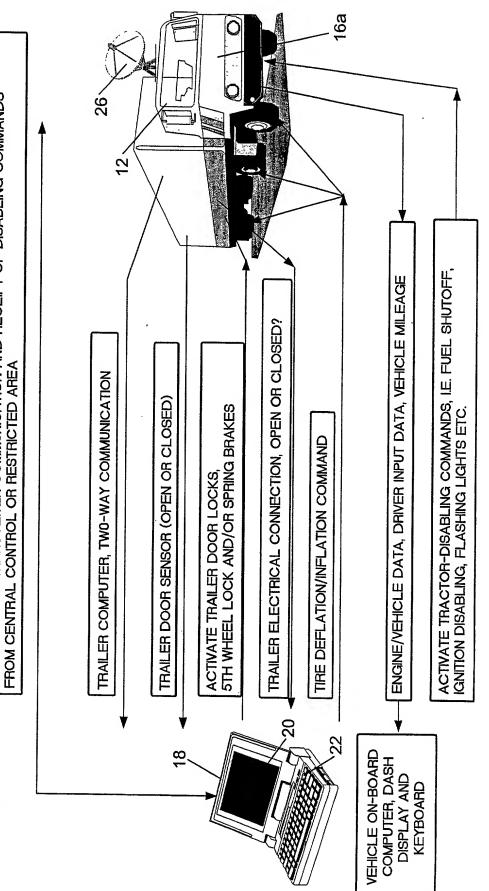


Fig.6





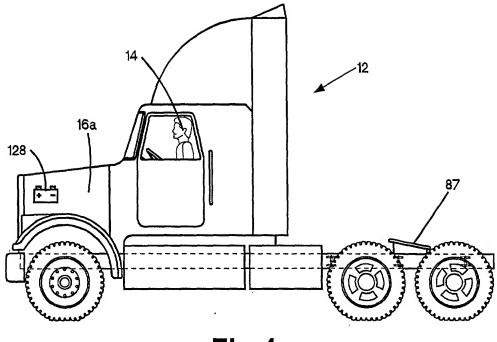
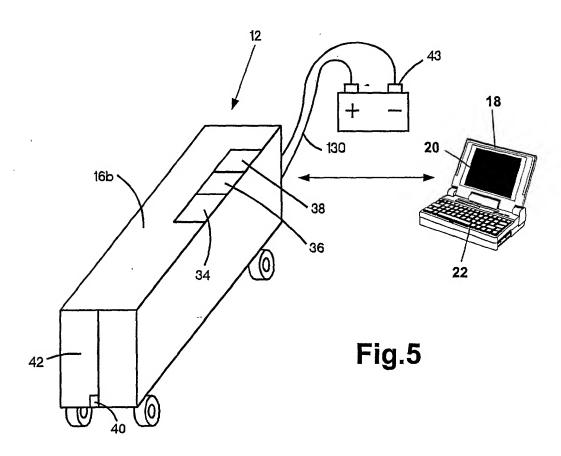
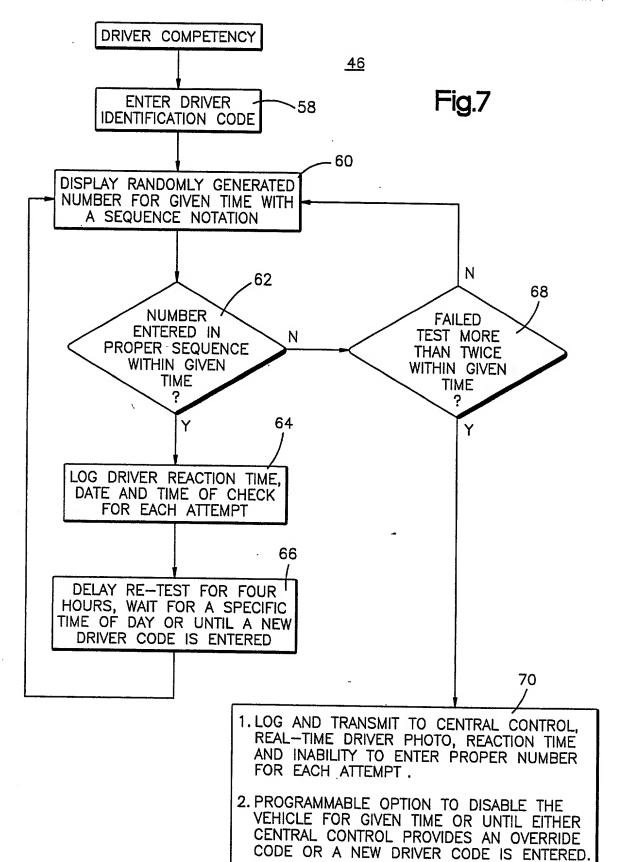


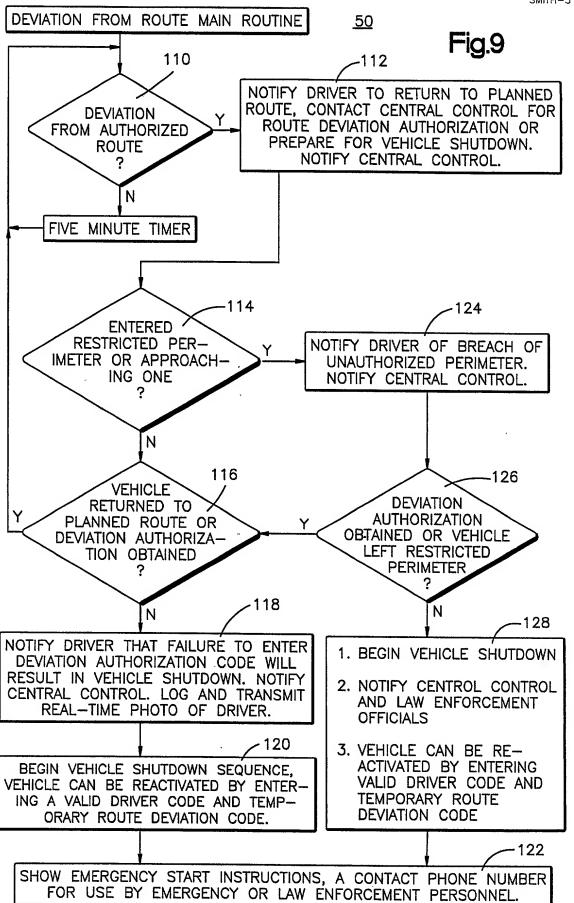
Fig.4

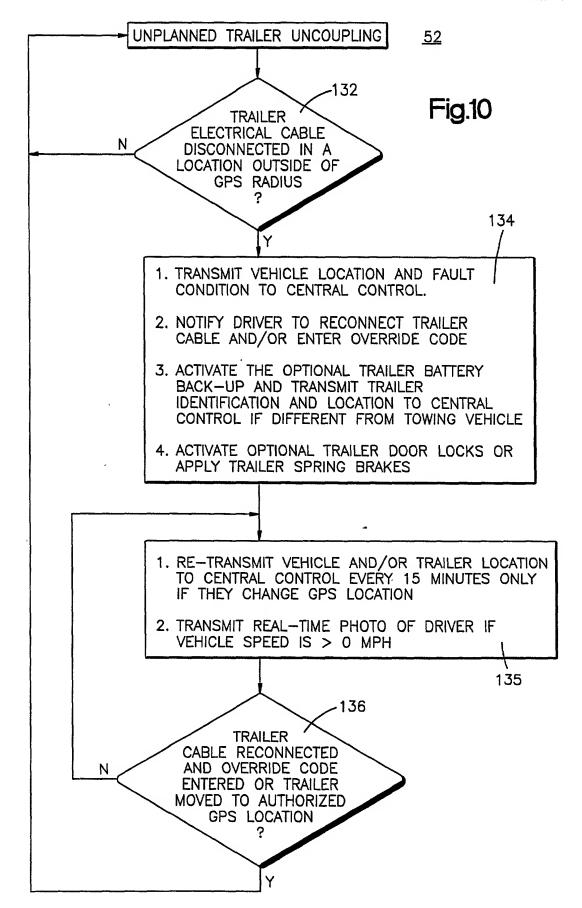


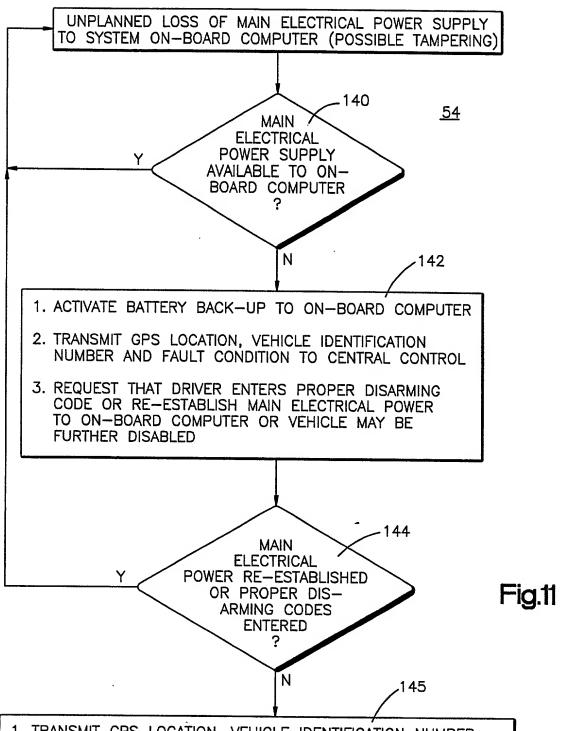


**SMITHTRK** SMITH-2 UNAUTHORIZED DRIVER AND HOURS OF SERVICE CHECK ROUTINE ENTER DRIVER CODE AND ROUTE CODE Fig.8 76 -74 <u>48</u> **DRIVER** DEVIATION N **AUTHORIZED** FROM ROUTE ? -82 Ν 86 ENTER AUTHORIZED DRIVER CODE HOURS ONE OR VOLUNTARILY SHUT DOWN VE-EXCEED AL-HOUR HICLE WITHIN GIVEN TIME. NOTIFY LOWABLE TIMER CENTRAL CONTROL, LOG AND TRANS MIT REAL-TIME PHOTO OF DRIVER. 88-PULL OFF ROAD FOR A REST PERIOD. HOURS HAVE BEEN EXCEEDED. 84 AUTHOR-Y IZED DRIVER 90. **VEHICLE** CODE ENTERED SHUT DOWN WITHIN GIVEN TIME OR NEW DRIVER TOOK OVER WITHIN GIVEN Ν TIME .78 92 PULL OVER, VEHICLE WILL BE N DISABLED. NOTIFY CONTROLLER. NOTIFY CENTRAL CONTROL THAT DRIVER HAS EXCEEDED 80 ALLOWABLE HOURS. BEGIN VEHICLE SHUTDOWN SEQUENCE AFTER FIVE MINUTES. NOTIFY CENTRAL 94-CONTROL OF VEHICLE LOCATION. VEHI-AUTHOR-CLE CAN BE RE-ACTIVATED BY IZATION TO EXCEED ENTERING A VALID DRIVER CODE. ALLOWABLE HOURS 96 NOTIFY DRIVER TO PULL OVER 98 -BEGIN VEHICLE SHUTDOWN SEQUENCE. NOTIFY CENTRAL CONTROL OF VEHICLE

BEGIN VEHICLE SHUTDOWN SEQUENCE. NOTIFY CENTRAL CONTROL OF VEHICLE LOCATION. VEHICLE CAN BE RE-ACTIVATED BY ENTERING A VALID DRIVER CODE. PRIOR DRIVER'S CODE WILL BE VALID AGAIN AFTER DEFINED REST PERIOD.







- 1. TRANSMIT GPS LOCATION, VEHICLE IDENTIFICATION NUMBER, REAL—TIME PHOTO OF DRIVER AND FAULT CONDITION TO CENTRAL CONTROL IF VEHICLE LOCATION CHANGES
- 2. IF THE VEHICLE OWNER HAS PROGRAMMED THE DISABLING FEATURE, IT WILL NOW BE ACTIVATED
- 3. SYSTEM CAN BE RESET BY RE-ESTABLISHING UVU COMPUTER POWER OR OVER RIDDEN BY ENTERING DISARMING CODE

